

ABSTRACT

The invention relates to a pressure-fluid-operated percussion device comprising a frame (2) allowing a tool (13) to be arranged therein movably in its longitudinal direction, means for feeding pressure liquid to the percussion device (1) and for returning pressure liquid to a pressure liquid tank, and means for producing a stress pulse in the tool by utilizing pressure of the pressure liquid. The invention includes a pressure liquid source for maintaining pressure in the working pressure chamber (3), and means for intermittently feeding pressure liquid to the percussion device (1) such that the pressure liquid pushes a transmission piston into a predetermined backward position such that pressure liquid is discharged from the working pressure chamber (3), and for alternately allowing pressure liquid to be discharged rapidly from the percussion device (1) so that the pressure of the pressure liquid in the working pressure chamber (3) and pressure liquid flowing thereto from the pressure liquid source pushes the transmission piston (4) towards the tool (13), thus generating a stress pulse in the tool (13).

(Figure 1a)